

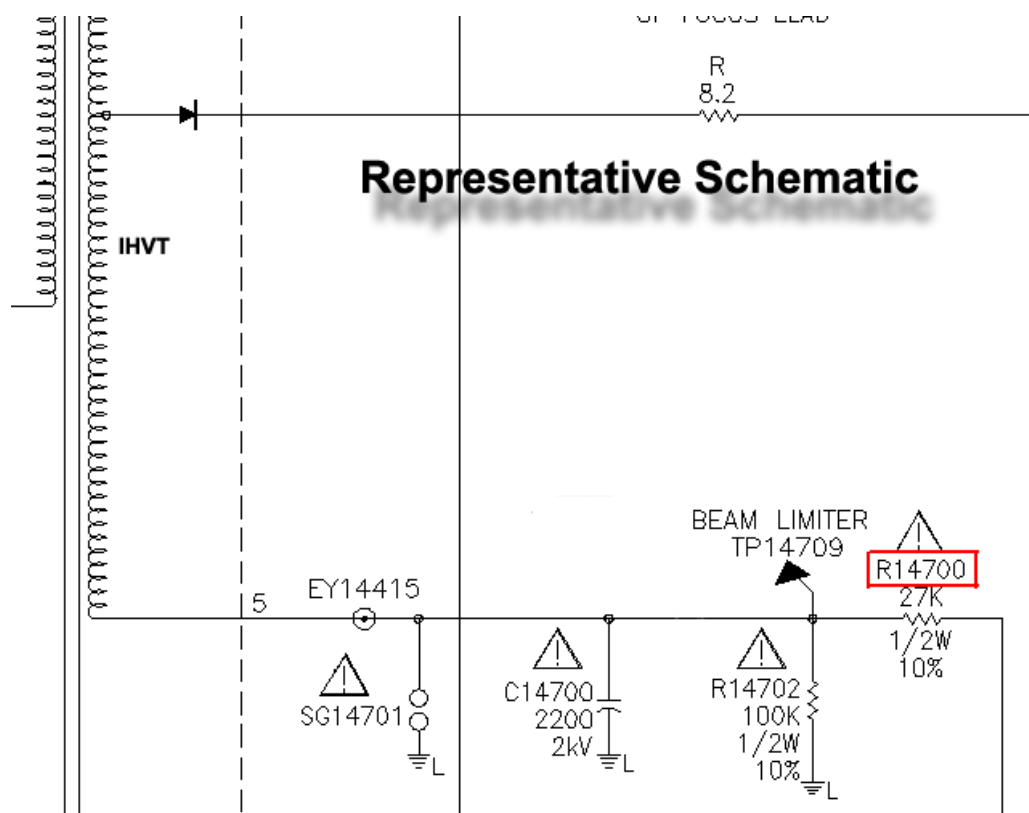
THOMSON TECHNICAL INFORMATION

RCA**PROSCAN**

Product Support • Mail Stop INH 900
P.O. Box 1976 • Indianapolis, IN 46206 -1976

Television Service Bulletin**TV 02-001****DATE:** January 14, 2002**CHASSIS:** MMC101, MMC102, DTV306, DTV307, CTC210, CTC211**TOPIC:** Low brightness after CRT replacement**Cause:** R14700, 27K ½ watt resistor drifted in value or mechanically unsound.

Cure: After CRT replacement in any instrument model using the above chassis, always check resistor R14700 in the ABL circuit off pin 5 of the IHVT (See representative schematic below). R14700 is a ½ watt, 27K carbon leaded resistor. It typically either lowers in value, or cracks. If it cracks, its operation may become intermittent resulting in bright flashes on the screen. If its value lowers, typically the ABL voltage is reduced resulting in a brighter or 'washed out' effect on screen. If the resistor opens, no ABL feedback is available and CRT voltages are set to fail-safe values. That may result in very dim video.



Product Safety Information

Product Safety information is contained in the appropriate Thomson multimedia Inc. Service Data covering models/chassis referenced herein. All specified Product Safety requirements and testing shall be complied with prior to returning equipment to the customer. Servicers who defeat safety features or fail to perform safety checks may be liable for any resulting damages and may expose themselves and others to possible injury.

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